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Dated: May 22, 2007

Electronic Signature for Jeanne M. Brashear: /Jeanne M. Brashear/

Docket No: 30986/41550
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Preben Lexow et al.

Application No.: 10/553,505

Confirmation No.: 4123

Filed: October 14, 2005

Art Unit: Not Yet Assigned

For: Method for Identifying Characteristics of
Molecules

Examiner: Not Yet Assigned

AMENDMENT AND RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This amendment is being filed in response to the "Notification of Defective Response" mailed April 18, 2007. This response is timely filed. Please amend the specification as follows.

Amendment to the Sequence Listing begins at page 2 of this paper.

Remarks begin at page 3 of this paper.